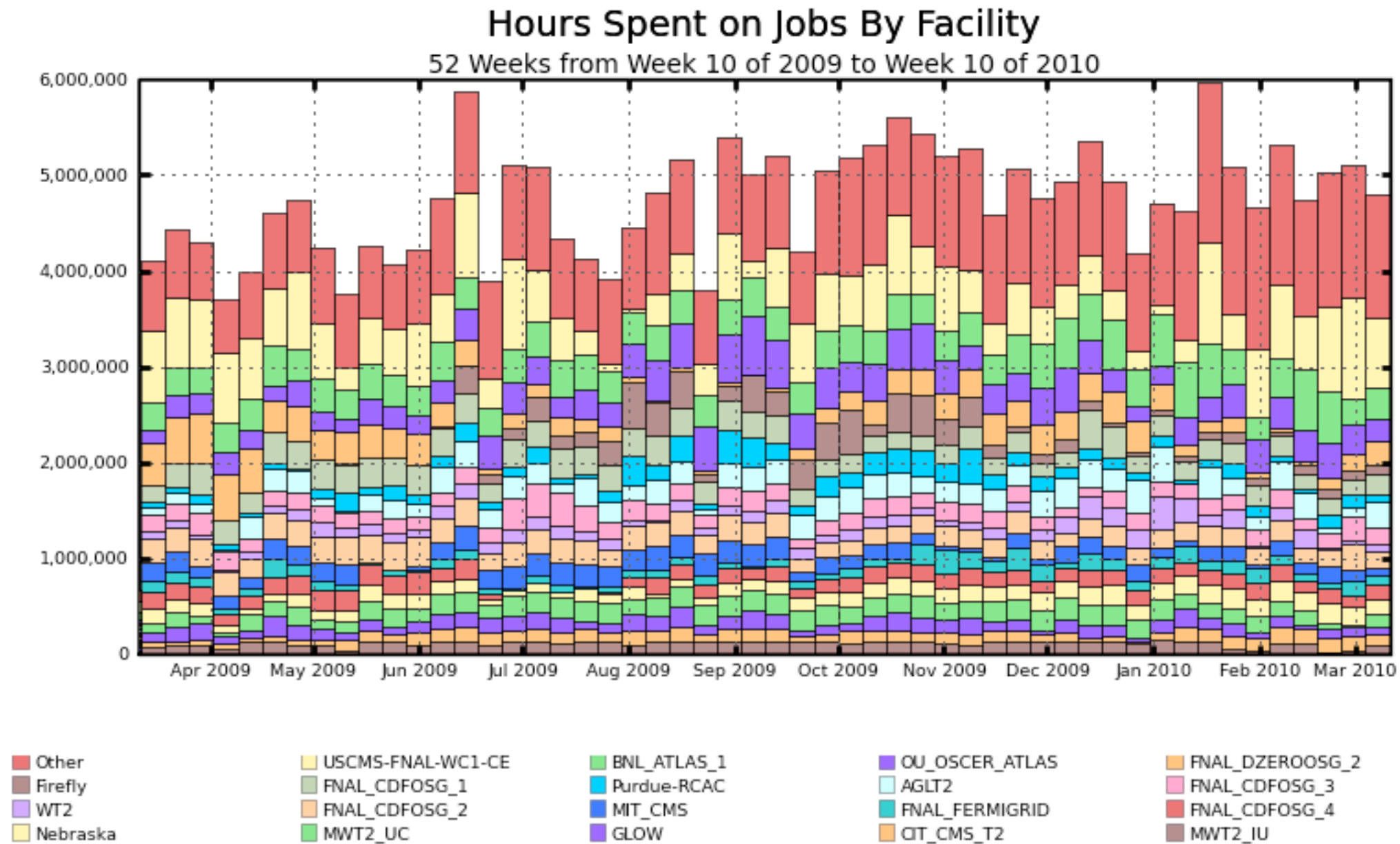
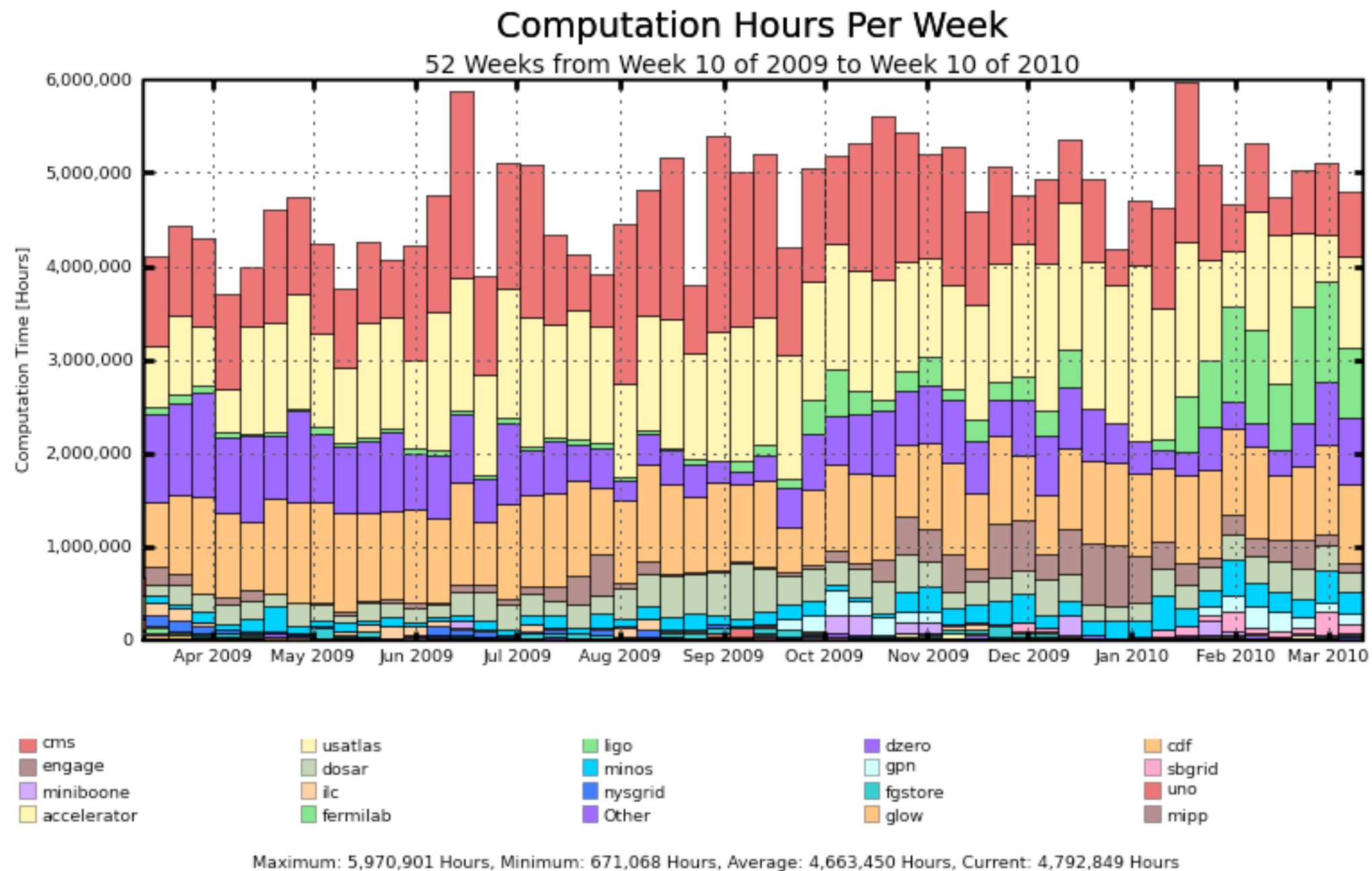


OSG Operational and Overview Metrics

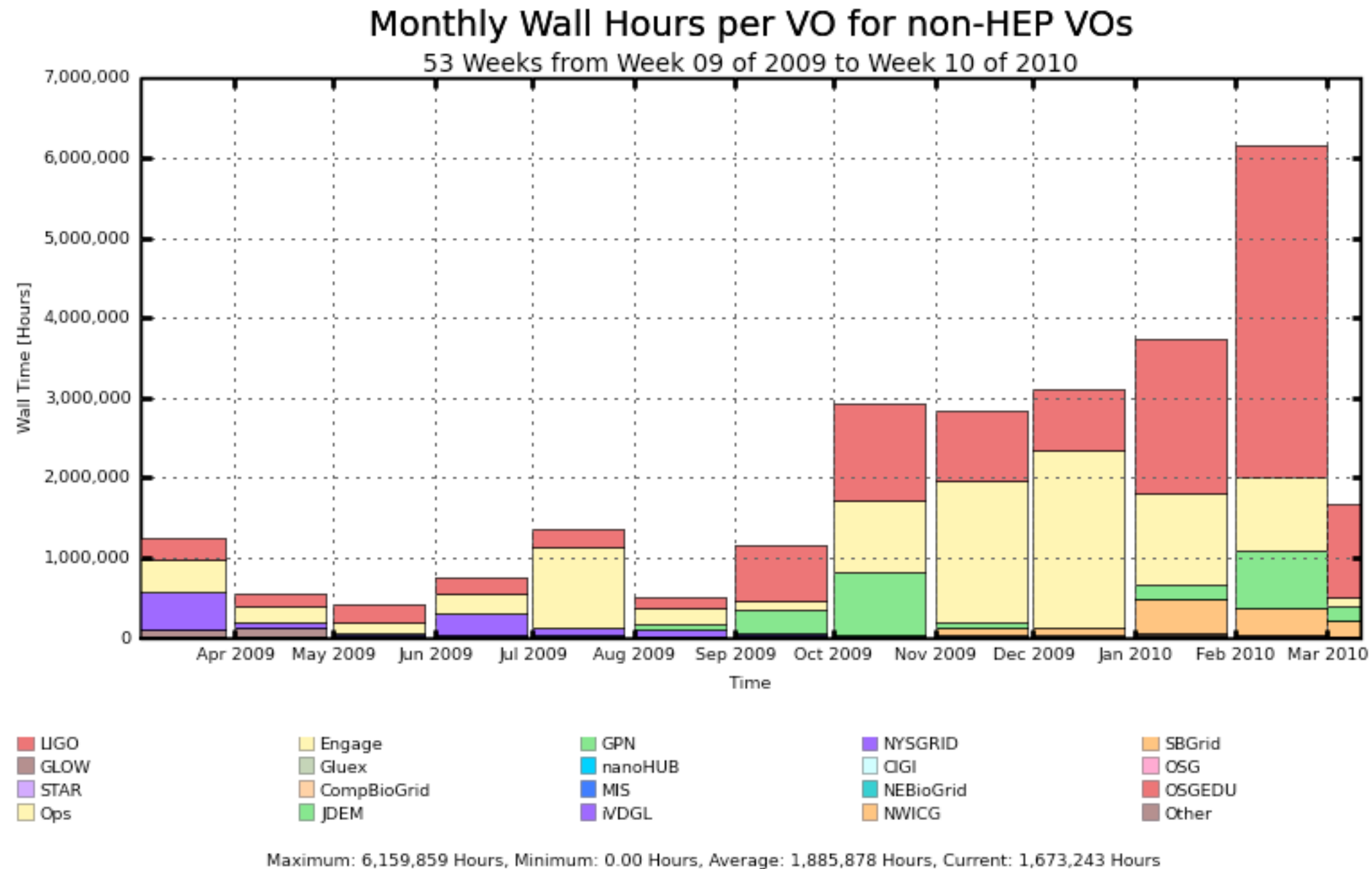
Brian Bockelman
10 March 2010



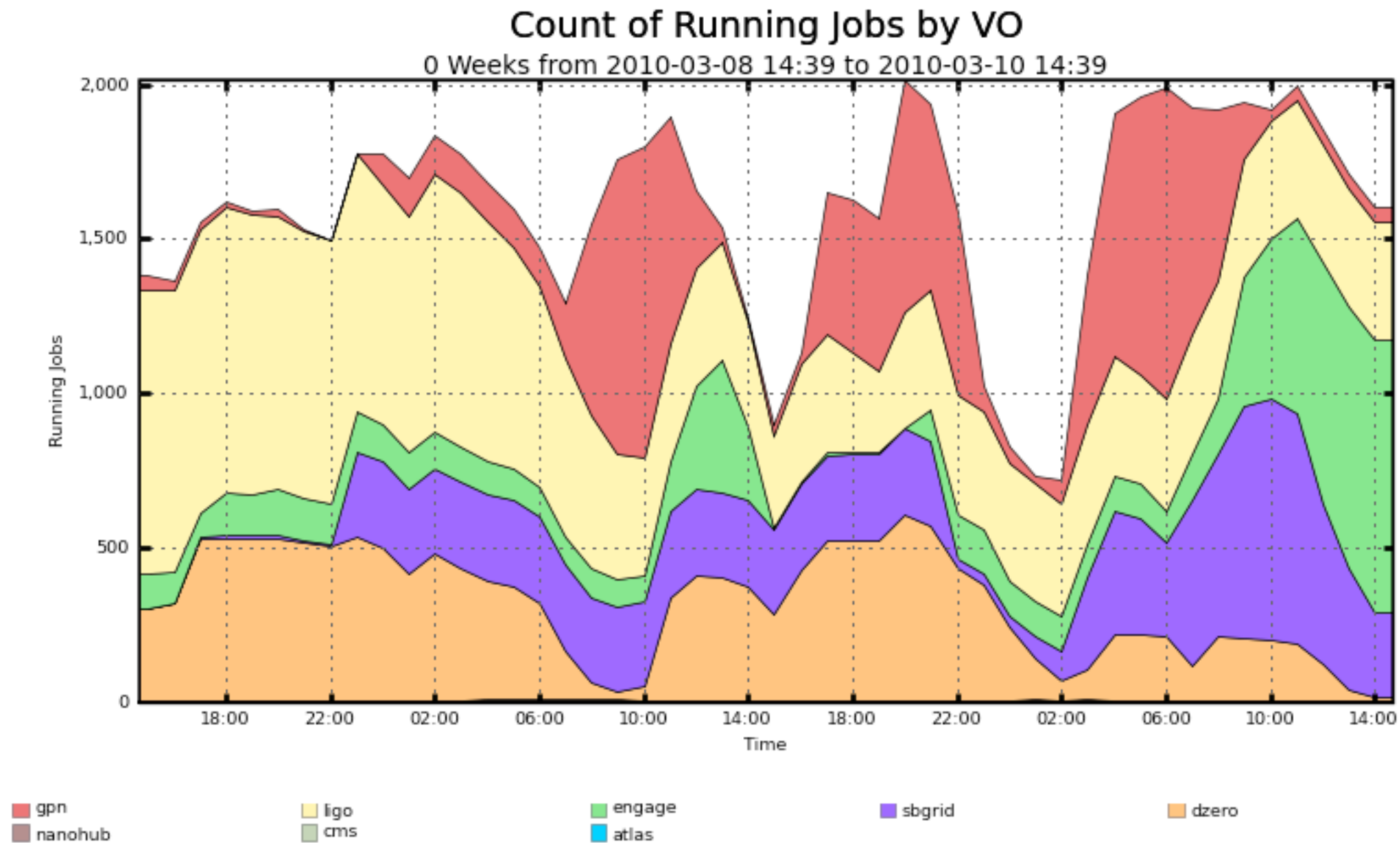
OSG Activity in the last year - note that
“Other” (all sites not in the top 20) is the
largest contributor



VO-view of the OSG Usage last year. Mostly dominated by the “big HEP” organizations



If we remove the HEP VOs - some of the most striking growth this year was from the “smaller VOs”.



Maximum: 2,018 , Minimum: 0.00 , Average: 1,558 , Current: 1,603

This year, people started to “figure out” opportunistic use - this graph shows today’s activity on Firefly, all of it opportunistic.



Delete



Junk



Reply



Reply All



Forward



Print



To Do

From: Brian Bockelman

Subject: The Hadoop Chronicle | 65 % | 2010-03-10

Date: March 10, 2010 3:04:40 AM CST

To: Users of CMS facility

Reply-To: Users of CMS facility , Brian Bockelman



=====

The Hadoop Chronicle | 65 % | 2010-03-10

=====

| Global Storage |

| | Today | Yesterday | One Week |
|------------------|---------|-----------|----------|
| Total Space (GB) | 716,356 | 717,725 | UNKNOWN |
| Free Space (GB) | 249,262 | 245,372 | UNKNOWN |
| Used Space (GB) | 467,094 | 467,353 | UNKNOWN |
| Used Percentage | 65% | 66% | UNKNOWN |

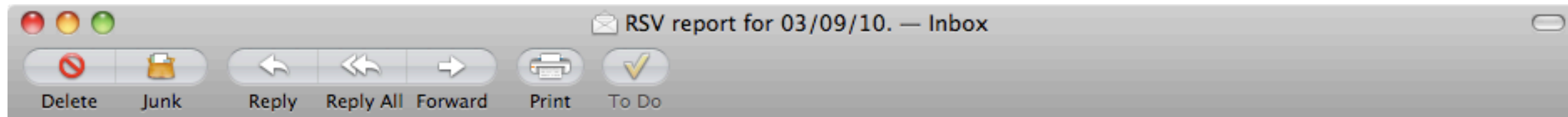
| CMS /store |

| Path | Size(GB) | 1 Day Change | 7 Day Change | # Files | 1 Day Change | 7 Day Change |
|--------------------------|----------|--------------|--------------|---------|--------------|--------------|
| /store/user | 3,828 | 0 | 18 | 9,082 | 0 | 455 |
| /store/mc | 132,655 | 0 | -24,551 | 99,780 | 0 | -19,057 |
| /store/relval | 9 | 0 | 0 | 12 | 0 | 0 |
| /store/test | 0 | 0 | 0 | 0 | 0 | -694 |
| /store/results | 296 | 0 | -191 | 156 | 0 | -146 |
| /store/phedex_monarctest | 729 | 0 | 0 | 257 | 0 | 0 |
| /store/temp | 0 | 0 | 0 | 0 | 0 | -3 |
| /store/unmerged | 4,445 | 0 | 5 | 62,607 | 0 | 133 |
| /store/CSA07 | 0 | 0 | 0 | 0 | 0 | 0 |
| /store/generator | 18 | 0 | 0 | 17 | 0 | 0 |
| /store/data | 18,433 | 0 | -50,714 | 5,707 | 0 | -18,275 |
| /store/PhEDEx_LoadTest07 | 7,141 | 0 | 3,521 | 2,674 | 0 | 1,318 |
| /store/group | 0 | 0 | -683 | 0 | 0 | -1,542 |

| CMS /store/user |

| Path | Size(GB) | 1 Day Change | 7 Day Change | Remaining | # Files | 1 Day Change | 7 Day Change | Remaining |
|-----------------|----------|--------------|--------------|-----------|---------|--------------|--------------|-----------|
| /store/user/hpi | 0 | 0 | 0 | 1,099 | 15 | 0 | 0 | 9,985 |

One value-add the OSG provides is a daily email overview of who is using your storage from the OSG accounting system.



From: RSV Reporting System <goc@OPENSOURCEGRID.ORG>
Subject: RSV report for 03/09/10.
Date: March 10, 2010 3:01:38 AM CST
To: Arvind Gopu, OSG GOC <goc@OPENSOURCEGRID.ORG>, OSG Sites Mailing List, OSG Accounting Info Mailing List <osg-accounting-info@OPENSOURCEGRID.ORG>
▶ 1 Attachment, 219 KB [Save](#) [Quick Look](#)

RSV report for 03/09/10.
WLCG MoU Sites:

| | Site | Daily | Weekly | Monthly | Month to Date | Type |
|----|---------------------|-------|--------|---------|---------------|-------|
| 1 | AGLT2 | 100 | 100 | 91 | 100 | Avail |
| | | 100 | 100 | 98 | 100 | Reli |
| 2 | BNL-ATLAS | 100 | 98 | 97 | 98 | Avail |
| | | 100 | 98 | 97 | 98 | Reli |
| 3 | BU-ATLAS_Tier2 | 100 | 100 | 99 | 100 | Avail |
| | | 100 | 100 | 99 | 100 | Reli |
| 4 | Brown-CMS-T3 | 100 | 100 | 100 | 100 | Avail |
| | | 100 | 100 | 100 | 100 | Reli |
| 5 | CIT-CMS-T2 | 100 | 100 | 99 | 100 | Avail |
| | | 100 | 100 | 100 | 100 | Reli |
| 6 | FLTECH | 100 | 100 | 100 | 100 | Avail |
| | | 100 | 100 | 100 | 100 | Reli |
| 7 | GLOW | 100 | 98 | 99 | 98 | Avail |
| | | 100 | 98 | 99 | 98 | Reli |
| 8 | GLOW_MINIOSG_UCSB | 100 | 100 | 100 | 100 | Avail |
| | | 100 | 100 | 100 | 100 | Reli |
| 9 | HEPGRID_UERJ | 100 | 100 | 96 | 100 | Avail |
| | | 100 | 100 | 100 | 100 | Reli |
| 10 | IU-OSG | 100 | 86 | 97 | 89 | Avail |
| | | 100 | 100 | 100 | 100 | Reli |
| 11 | IllinoisHEP_Tier3gs | 100 | 100 | 99 | 100 | Avail |
| | | 100 | 100 | 99 | 100 | Reli |
| 12 | LONI-OSG1 | 100 | 100 | 100 | 100 | Avail |

Another value-add for sites and VOs from OSG Operations is the availability and reliability calculations for sites - and a daily email about your site's status.